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PATENT

ATTORNEY DOCKET NO: 669.03



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

James R. Beckman

Serial No: 10/031,534

Filed: March 28, 2002

For: **METHOD AND APPARATUS  
FOR SIMULTANEOUS HEAT  
AND MASS TRANSFER  
UTILIZING A CARRIER-GAS**

) Group Art Unit: 1764

) Examiner: Manoharan, Virginia

) **RESPONSE TO 12/12/2003 OFFICE  
ACTION**

) CERTIFICATE OF MAILING UNDER 37 CFR 1.8

) I hereby certify that this correspondence is being mailed to the Patent and  
Trademark Office on this date April 12, 2004 addressed to: Commissioner for  
Patents, PO Box 1450, Alexandria, VA 22313-1450.

) By: Sandra D. Hunter

Sandra D. Hunter

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Dear Sir or Madam:

This paper is being submitted in response to an Office Action issued by the Examiner on December 12, 2003. Applicant respectfully requests a one-month extension of time, and submits herewith a petition for the extension of time with the appropriate fee. Applicants respectfully request reconsideration of the pending claims in view of the arguments presented herein.

Please amend the above-identified application as follows:

**Amendments to the Abstract** begin at page 2. An abstract is appended to this paper.

**Amendments to the Claims** are reflected in the listing of the claims, which begins at page 3 of this paper

**Remarks/Arguments** begin at page 7 of this paper.

An **Appendix** including an abstract is attached following page 11 of this paper.

04/16/2004 ZJU HAR1 00000045 10031534

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**Amendments to the Abstract**

Please add the abstract appended to this paper.

Attachment: one page abstract